

**Notice of Allowability**

Application No.

10/695,119

Examiner

Helene Klemanski

Applicant(s)

BLEASE ET AL.

Art Unit

1755

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed October 19, 2005.
2. ☒ The allowed claim(s) is/are 1-19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

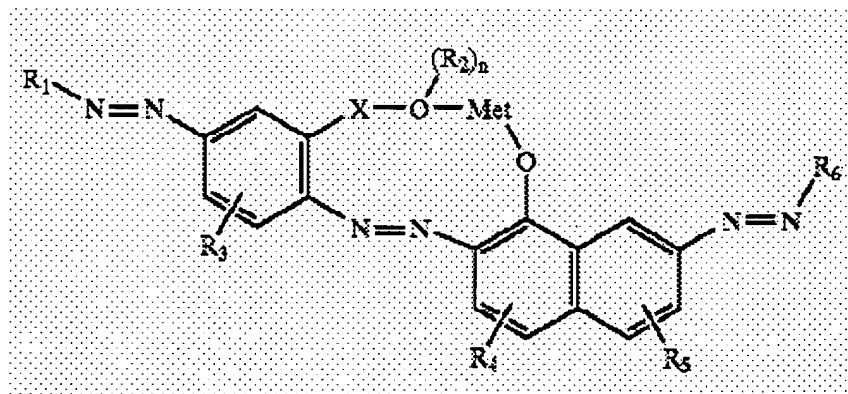
HELENE KLEMANSKI  
PRIMARY EXAMINER  
GROUP T700

### ***Terminal Disclaimer***

1. The terminal disclaimer filed on October 19, 2005 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of any patent granted on Application No. 10/695,165 has been reviewed and is accepted. The terminal disclaimer has been recorded.

### **REASONS FOR ALLOWANCE**

The following is an examiner's statement of reasons for allowance: This application teaches an ink jet ink set comprising a cyan ink comprising a carrier and a sulfonated copper phthalocyanine dye; a magenta ink comprising a carrier and an anthrapyridone magenta dye; a yellow ink comprising a carrier an azo-aniline yellow dye or metal complex yellow dye or mixtures thereof and a black ink comprising a trisazo black dye of the formula



wherein Met is a metal atom; R<sub>1</sub> is a phenyl or naphthalene radical substituted by 1, 2 or 3 substituents selected from the group consisting of OH, O(C<sub>1-6</sub>)-alkyl, COOM, SO<sub>3</sub>M and NH<sub>2</sub>; R<sub>2</sub> is C<sub>1-6</sub> alkyl; n is 0 or 1; X is a chemical bond or -CO- or -SO<sub>2</sub>-; R<sub>3</sub> is H, methyl or O(C<sub>1-6</sub>)-alkyl; R<sub>4</sub> and R<sub>5</sub> are each H, COOM or SO<sub>3</sub>M; R<sub>6</sub> is a phenyl, pyridyl

Art Unit: 1755

or pyrazole radical substituted by 1, 2 or 3 substituents selected from the group consisting of OH, O(C<sub>1-6</sub>)-alkyl, COOM, SO<sub>3</sub>M and NH<sub>2</sub>, NHaryl, NHacyl and phenylsulfo; and M is ammonium, H, Na, Li or K. The closest prior art of record is WO 02/094943 (US 2004/0128775 is English equivalent), U.S. Patent No. 6,749,674, issued to Geisenberger et al. and U.S. Patent Application Publication 2005/0229810, issued to Blease et al. WO 02/094943 and Geisenberger et al. both teach similar ink jet ink sets comprising a cyan ink, a magenta ink, a yellow ink and a black ink but fail to teach or fairly suggest that the magenta ink contains an anthrapyridone dye as claimed by applicants. Blease et al. teach a similar ink jet ink set comprising a cyan ink, a magenta ink, a yellow ink and a black ink but fail to teach or fairly suggest that the yellow ink contains an azo-aniline yellow dye or metal complex yellow dye or mixtures thereof as claimed by applicants. Accordingly, this application is allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Helene Klemanski whose telephone number is (571) 272-1370. The examiner can normally be reached on Monday-Friday 5:30-2:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jerry Lorengo can be reached on (571) 272-1233. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Helene Klemanski  
Primary Examiner  
Art Unit 1755



HK

November 14, 2005